

February 2017 Monthly Report

February 2017

Past monthly reports are available via the web at <http://mil.wa.gov/emergency-management-division/alert-warning-center-monthly-report>

CATEGORY	February 2017	February 2016	YTD 2017	YTD 2016
Logged incidents:				
DOE (Department of Energy, Hanford Site)	0	0	2	1
FIRE	4	8	9	12
HAZARDOUS MATERIALS INCIDENTS (HAZMAT)	201	220	423	491
OTHER	61	88	141	173
911 SERVICE OUTAGES	3	2	4	5
SEARCH AND RESCUE MISSIONS (SAR)	47	58	114	111
TERRORIST	0	0	0	0
INITIAL WEATHER INCIDENTS	5	8	8	12
CGS (Columbia Generating Station)	0	0	0	0
Total number of Logged incidents	321	384	699	805

Categories not included in the total number of logged incidents above

<i>Evidence Search Mission</i>	8	4	10	7
<i>Additional Weather Alerts (all subsequent alerts that are considered to be part of the initiating weather event)</i>	163	79	261	172

LEGEND

WEATHER	Weather incidents such as Flooding, High Winds, and Snow
FIRE	Wildland Fire incidents
OTHER	This category includes a wide variety of incidents, including but not limited to Tsunami events, Earthquakes, and Critical Incident Stress Debriefings.

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SIGNIFICANT EVENTS

- 17-0347
- On February 1, an existing weather system prompted the continued issuance of the following weather products by the National Weather Service (NWS):
 - February 1, the NWS issued a Gale Warning for the Northern Inland Waters including the San Juan Islands until 0952 on February 2.
 - February 1, the NWS issued a Winter Storm Watch for the Eastern Columbia River Gorge of Klickitat County from the afternoon of February 1 through Saturday morning of February 3 and the East Slopes of the Washington Cascades and Simcoe Highlands of Klickitat, Yakima, and Kittitas Counties from the evening of February 1 through the morning of February 3.
 - February 1, the NWS issued a High Wind Warning for the East Puget Sound Lowlands of Snohomish, King, and Pierce Counties until 0600 on February 3.
 - February 2, the NWS issued a Winter Storm Watch for the Okanogan Highlands and the East Slopes of the Northern Cascades of Okanogan, Ferry, and Chelan Counties from the morning of February 3 through the morning of February 4 and for the Northeast Mountains of Pend Oreille, Spokane, and Stevens Counties from the morning of February 3 through the afternoon of February 6.
 - February 2, the NWS issued a Winter Storm Watch for the Foothills of the Blue Mountains, Kittitas and Yakima Valleys from late on February 2 until the afternoon of February 3.
 - February 2, the NWS issued a Winter Storm Warning for the East Slopes of the Washington Cascades & Simcoe Highlands from 1600 on February 2 until 1318 on February 4, the Eastern Columbia Gorge from 1600 on February 2 to 1543 on February 3, and the Northwest Blue Mountains from 0200 on February 3 to 1543 on February 3.
 - February 2, the NWS issued a Winter Storm Warning for Stevens and Pend Oreille Counties from 1000 on February 3 until 1600 on February 4.
 - February 2, the NWS issued a Winter Storm Warning for the Western Columbia River Gorge from 0400 on February 3 to 1300 on February 4 and for the Central Columbia River Gorge from 0400 hrs on February 3 to 1600 on February 4.
 - February 3, the NWS issued a Winter Storm Warning for the Spokane area until 1015 hrs, February 6.
 - February 4, the NWS issued a Winter Storm Watch for Pacific, Wahkiakum, Cowlitz, Clark and Skamania Counties from February 5 through February 6. The Watch was upgraded to a Warning on February 5.
 - February 4, the NWS issued a Winter Storm Watch for the west and central Columbia River Gorge from the morning of February 5 until the afternoon of February 6.
 - February 4, the NWS issued a Winter Storm Warning for the Cascade of

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Whatcom, Skagit, Snohomish, King, Pierce and Lewis Counties until 0400 on February 6.

- February 4, the NWS issued a Winter Storm Watch for the East Slopes of the South cascades affecting Kittitas, Yakima and Klickitat Counties from the morning of February 5 through the morning of February 6. The Watch was upgraded to a Warning on February 4.
- February 4, the NWS issued a Flood Watch for portions of Clark County from the morning of February 5 through the morning of February 6.
- February 4, the NWS issued a High Wind Watch for Whatcom and San Juan Counties from the afternoon of February 5 through the afternoon of February 6.
- February 5, the NWS issued a Gale Warning for the Northern Inland Waters and San Juan Islands. From 1500 on February 5 until 0900 on February 6.
- February 5, the NWS issued a Winter Storm Warning for the Yakima Valley, Okanogan Valley, Kittitas Valley, and Wenatchee areas until 1000 on February 6.
- February 5, the NWS issued a Winter Storm Warning for Snohomish, King, Pierce, Lewis, Thurston, Mason, Kitsap and Grays Harbor counties from February 5 until the afternoon of February 6.
- February 5, the NWS issued a Winter Storm Warning for Clallam County until 1400 on February 6.
- February 6, the NWS terminated the last of the Weather Warnings at 1400 hours closing out this weather event.

17-0418 • On February 4, King County Sheriff's Office initiated a search for a lost hiker near North Bend. Cell phone forensics was coordinated from the Air Force Rescue Coordination Center (AFRCC) to assist. The subject was found safe and rescued by ground searchers on the morning of February 5.

17-0446 • On February 6, the NWS issued a Flood Warning for Southeastern Asotin County in southeast Washington from 1930 hrs until 2230 hrs. This event closed without incident.

17-0448 • On February 7, an approaching storm system prompted the NWS to issue the following weather related products:

- February 7, the NWS issued a Winter Storm Watch the East Slopes of the Washington Cascades of Klickitat, Yakima, and Kittitas Counties from the morning of February 8 through the morning of February 9.
- February 7, the NWS issued a Winter Storm Watch for the Kittitas and Yakima Valleys of Kittitas and Yakima Counties from the morning of February 8 through the morning of February 9.
- February 7, the NWS issued a Winter Storm Watch for Lower Columbia Basin of Washington of Benton, Walla Walla, Franklin, and Klickitat Counties in effect from the morning of the 8 through the morning of

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February 9.

- February 7, the NWS issued a Winter Storm Watch for the Simcoe Highlands of Klickitat and Yakima Counties from the morning of February 8 through the morning of February 9.
- February 7, the NWS issued a Winter Storm Watch for the Western Columbia River Gorge and the South Washington Cascades of Skamania, Clark, and Cowlitz Counties from the morning of February 8 through the afternoon of February 9.
- February 7, the NWS issued a Winter Storm Watch for the Wenatchee Area, East Slopes of the Northern Cascades, and the Waterville Plateau of Chelan, Douglas, Okanogan, and Grant Counties from the afternoon of February 8 through the afternoon of February 9.
- February 7, the NWS issued a Winter Storm Watch for the Northeast Mountains, Okanogan Highlands, and the Okanogan Valley of Pend Oreille, Spokane, Stevens, Ferry, Okanogan, and Douglas Counties from the afternoon of February 8 through the evening of February 9.
- February 7, the NWS issued a Winter Storm Warning for the South Washington Cascade from 0700 on February 8 to 1600 hrs on February 9.
- February 7, the NWS issued a Winter Storm warning for the Central Columbia River Gorge from 0700 on February 8 to 1600 hrs on February 9.
- February 7, the NWS issued an Ice Storm Warning for the West Columbia River Gorge from 0700 on February 8 to 1000 hrs on February 9.
- February 7, the NWS issued a Winter Storm Warning for Benton, Franklin, Kittitas, Klickitat, Walla Walla, Chelan, Okanogan, Douglas, Grant, Adams, Ferry, Stevens, Pend Oreille & Yakima Counties from 1000 February 8 to 1000 on February 9.
- February 7, the NWS issued a Winter Storm Watch for the Cascades of Whatcom, Skagit, Snohomish, King, Pierce and Lewis Counties from the afternoon of February 8 through the evening of February 8.
- February 7, the NWS issued a Flood Watch for Pacific, Cowlitz, Clark & Skamania Counties from February 8 at 1660 hrs to February 10 at 2200 hrs.
- February 8, the NWS issued a Flood Watch for Mason County from morning of February 9 to the morning of February 10.
- February 8, the NWS issued a Winter Storm Warning for Cascades of Whatcom, Skagit, Snohomish, King, Pierce and Lewis Counties from the evening of February 8 through the morning of February 9.
- February 8, the NWS issued a Flood Watch for Asotin, Garfield, Spokane, and Whitman Counties from midnight on February 8 to the morning of February 11.
- February 8, the NWS issued a Flood Watch for King, Lewis, Pierce and Thurston Counties from the morning of February 9 through the evening of February 10.

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- February 8, the NWS issued a Flood Watch for Grays Harbor County from the evening of February 10 through the evening of February 11.
- February 8, the NWS issued a High Wind Warning for Pacific County from 0100 hrs on February 8 1000 hrs of February 9.
- February 8, the NWS issued a Flood Watch for Spokane, Whitman, Garfield and Asotin Counties from midnight on February 8 through the morning of February 11.
- February 8, the NWS issued a Winter Storm Warning for Walla Walla until 1000 hrs on February 9.
- February 8, the NWS issued a Coastal Flood Advisory for the North and Central Coasts of Washington.
- February 9, the NWS cancelled the Ice Storm Warning for the Western Columbia River Gorge of Skamania and Clark Counties.
- February 9, the NWS issued an Ice Storm Warning for portions of Chelan, Douglas, and Grant Counties until 1200 hrs on February 9 and portions of Okanogan, Spokane, Lincoln, Grant, Adams, and Douglas Counties until 1000 hrs on February 9.
- February 9, the NWS extended the Winter Storm Warning until 1600 hrs for the Cascades of Lewis, Whatcom, Pierce, Skagit, Snohomish, and King Counties.
- February 9, the NWS issued an Areal Flood Warning until 2215 hrs for Northwestern Whatcom County.
- February 9, the NWS issued a Flood Warning for the Grays River near Rosburg affecting Wahkiakum County until afternoon of the February 10.
- February 9, the NWS issued a Flood Warning for the Skokomish River near Potlatch affecting Mason County until the afternoon of February 10.
- February 9, the NWS issued Flood Warnings for the Deschutes River near Rainier in Thurston County, the Newaukum River near Chehalis in Lewis County, the White River in King County, the Skookumchuck River in Thurston County, the Chehalis River in Thurston and Lewis Counties, and the Cowlitz River in Cowlitz County through February 10.
- February 9, the NWS expanded the Flood Watch to include Clallam and Whatcom Counties
- February 9, the NWS terminated the Flood Watch for Pacific, Wahkiakum, Cowlitz, Clark and Skamania Counties.
- February 9, the NWS issued a Gale Warning for the Puget Sound, Hood Canal, Northern Inland Waters and Admiralty Inlet.
- February 9, the NWS cancelled the Flood Watch for Snohomish County and the Flood Warning for the Chehalis River near Doty in Lewis County.
- February 10, the NWS issued a Flood Watch for the Skookumchuck River near Centralia affecting Lewis County and the Chehalis River at Porter in Grays Harbor County.
- February 10, the NWS cancelled the Flood Watch for Walla Walla and Columbia Counties.
- February 10, the NWS issued a flood warning for Central Yakima

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County until February 11.

- February 10, the NWS cancelled the Flood Warning for the Deschutes River near Rainier in Thurston County, and cancelled the Flood Watch for Lewis County.
- February 10, the NWS issued a Flood Warning for the Chehalis River at Centralia in Lewis County
- February 10, the NWS cancelled the Flood Warnings for the White River at R Street affecting King and Pierce Counties, the Skookumchuck River near Centralia in Lewis County and Bucoda in Thurston County, and the Newaukum River near Chehalis affecting Lewis County.
- February 11, the NWS cancelled the flood watch for the Skokomish River near Potlatch affecting Mason County and the Chehalis River at Centralia affecting Lewis County.
- February 12, the NWS cancelled the flood watch for the Chehalis River near Grand Mound affecting Thurston County.
- All watches and warnings expired as of 0230 on February 13, closing this incident.

17-0515 • On February 11, Columbia County initiated a search for a missing snowboarder at the Bluewood ski area. The use of a helicopter with Forward Looking Infra-Red (FLIR) was coordinated for from the AFRCC. The subject was found safe the following day by snowmobile search teams.

17-0529 • On February 13, an approaching storm system prompted the NWS to issue the following weather related products:

- February 13, the NWS issued a Flood Watch for Mason County until late evening of February 15. On February 14, the Watch was replaced by a Flood Warning.
- February 13, the NWS issued a Winter Storm Watch was issued for the Western & Central Columbia River Gorge affecting Clark and Skamania Counties until the evening of February 15. On February 14, the Watch was upgraded to an Ice Storm Warning until 0600 on February 16.
- February 13, the NWS issued a Gale Warning for the Northern Inland Waters, including the San Juan Islands until 1600 on February 15.
- February 14, the NWS issued a High Wind Watch for the South Washington Coast until the morning of February 16. The Watch was upgraded a High Wind Warning until 0800 on February 16.
- February 14, the NWS issued a Flood Watch for Whatcom, Clallam, Jefferson and Grays Harbor until the evening of February 15.
- February 14, the NWS issued a Flood Watch for Spokane, Pend Oreille, and Stevens Counties until the morning of February 17.
- February 14, the NWS issue a Winter Storm Watch for the Cascades of Snohomish, King, Pierce and Lewis Counties until the evening of February 15.
- February 14, the NWS cancelled the Winter Storm Watch for the Cascades of Pierce and Lewis counties and replaced the Winter Storm

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Watch for Snohomish and King Counties into a Freezing Rain Advisory.

- February 15, the NWS issued a Flood Watch for Skagit and Snohomish Counties until February 16.
- February 15, the NWS issued a High Wind Warning for Clallam, Jefferson and Grays Harbor Counties until 0400 hrs on February 16.
- February 15, NWS extended the High Wind Warning for the South Washington Coast affecting Pacific and Wahkiakum Counties until 0400 hrs on February 16.
- February 15, the NWS issued a Winter Storm Warning for the East Slopes of the Northern Cascades of Chelan and Okanogan Counties until 10 hrs February 16.
- February 15, the NWS extended the Areal Flood Watch for Clallam, Jefferson, and Grays Harbor Counties until 1000 hrs on February 16.
- February 16, the NWS issued a Flood Warning for the Grays River near Rosburg affecting Wahkiakum County. It was cancelled later that same morning.
- February 16, the NWS Seattle issued a Flood Warning for the White River at R Street affecting King and Pierce Counties until the morning of the February 18.
- February 16, the NWS issued a Flood Warning for Hangman/Latah Creek in Spokane County until the evening of February 17.
- February 16, the NWS issued a Flood Warning for West Central Ferry County until 1638 hrs on February 16.
- February 16, the NWS issued an Areal Flood Warning for portions of NW Douglass, Adams, Whitman, Lincoln, Stevens, Spokane and Pend Oreille Counties until 2200 hrs on the February 16.
- February 16, the NWS canceled the Flood Watch for Snohomish County.
- February 16, the NWS issued a Flood Warning for the Palouse River near Potlatch affecting Whitman County until the afternoon of February 17.
- February 17, the NWS extended the Flood Warning for the White River at R Street affecting Pierce and King Counties until 0220 hrs on February 18.
- February 17, the NWS extended the Flood Warning for the Hangman/Latah Creek at Spokane affecting Spokane County until the afternoon of February 17.
- On February 17, all watches and warnings expired at 2200 hrs, closing this incident.

- 17-0544 • On February 14, Kitsap County initiated a search for a missing dementia patient. The use of search dogs was coordinated for from Pierce County. The subject was found later that evening alive and well.
- 17-ES-005 • On February 17, Thurston County conducted an evidence search for human remains in Olympia. The use of search dogs was coordinated for from Pierce

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County to assist. The search teams were able to recover the majority of the victim's body, but the likelihood of recovering the smaller missing bones is unlikely. This mission closed at 1630 hrs, February 17.

- 17-0605
- On February 19, an approaching storm system prompted the issuance of the following weather products from the NWS:
 - February 19, the NWS issued a Gale Warning for Whatcom and San Juan Counties
 - February 19, the NWS issued a Flood Watch for Kittitas, Klickitat, Yakima, Okanogan, Ferry, Stevens, Pend Oreille, Douglas, Grant, Lincoln, Adams and Spokane counties through February 22.
 - February 20, the NWS issued a Flood Watch for Whitman County until the evening of February 22.
 - February 21, the NWS Spokane cancelled the Flood Watch for Stevens and Pend Oreille Counties.
 - February 21, the NWS canceled the Flood Watch for Grant, Adams and Lincoln Counties.
 - February 21, the NWS expanded the Flood Watch to include a portion of Southeast Washington, including Whitman County through the afternoon of February 22.
 - February 21, the NWS issued a Flood Warning for Benton, Walla Walla, Franklin, and Columbia Counties. The warning expired the same evening closing the weather incident.
- 17-0646
- On February 22, the Pacific Northwest Seismic Network (PNSN) recorded a 4.17 mag earthquake 19 miles WSW of Bremerton and 10 miles SSW of Brinnon WA at 2.9 miles deep. There were no reports of damages but a wide area felt the shaking.
- 17-0641
- On February 22, Tacoma Power conducted a deliberate water release at the Cushman Dam on the North Fork of the Skokomish River, due to recent heavy rainfall. The water flow was increased from 240 cubic feet per second (cfs) to 500 and up to 1000 cfs. This event lasted until February 25 and ended without incident.
- 17-0648
- On February 23, the mayor of Sprague in Lincoln County declared a state of emergency due to the local creek breaching its banks and flooding parts of the town. The latest report sent by the Lincoln CO Sheriff on February 27, reads: "We had about 63 inches in the park and several businesses and private residences have flooded basements. Over the weekend the levels dropped to around 55 inches. We believe the worst is behind us; however, more snow and rain is predicted. We have hundreds of sand bags deployed and back hoes have dug trenches and cut new paths for water release in pertinent areas."
 - At this time the local EOC was not activated, and no request for additional

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assistance was made.

- 17-0668 • On February 25, the NWS issued a Winter Weather Advisory at 2200 hrs for the lowland metropolitan areas of Snohomish, King and Pierce Counties. This event closed without incident at 1000 hrs the following day.
- 17-0674 • On February 26, PNSN reported that a 3 mile deep, 3.48 magnitude earthquake, occurred at 0559 hrs 21 miles WNW of Ellensburg. There were no damages or reports of anyone feeling the event.
- 17-0695 • On February 28, the Washington State Patrol initiated an Amber Alert on behalf of Yakima City PD for a child abducted from his home in Yakima City. The AMBER Alert was cancelled later that morning after the child was safely located and the suspects taken into custody.

SEOO Activity for the current month:

221	Warnings issued to jurisdictions for imminent or occurring emergencies.
145	Warnings issued to tribal nations for imminent or occurring emergencies.
1799	Notifications conducted to state and local agencies for imminent or occurring emergencies.
8	Resources coordinated for search, rescue, recovery and response operations.

- Participated in 1 exercises of which 1 were vessel spill drills.

Conducted the following tests:

<i>Test Conducted (see below for descriptions of each test)</i>	<i>Frequency of tests</i>	<i>Number of tests completed this month</i>	<i>Total number of stations tested this month</i>	<i>Number of stations responding during tests initiated by the Alert and Warning Center</i>	<i>Contact Success rate for those tests initiated by the Alert and Warning Center</i>
NAWAS	Twice daily	52	1728	1586	92%
STAEN	At least twice per month	1	15	5	33%

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CEMNET	At least 3 per week	12	304	111	37%

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Dedicated phone line test for DOE	At least 1 per week	4	AHAB Siren test	At least 1 per month	
Dedicated phone line test for CGS	At least 1 per week	5	OPSCAN test	1 per day	28
AHAB Daily Function status	1 per day	28	King County 800 MHz Radio System tests	At least 1 per week	3

Test information/definitions:

- NAWAS: National Warning System Tests (NAWAS) over the State and Federal circuits. NAWAS connects over 1,800 State and Federal jurisdictions and agencies on the Federal circuit and all counties, some agencies and some tribes on the State circuit. there are 4 tests a day, testing 66 drops on 2 circuits. The number above reflects the 4 tests a day. Previously the number included the total number of stations contacted during those tests.
- DOE tests: Department of Energy Hanford Site has a dedicated phone and fax line into the EOC and they are tested at least weekly. Only the voice phone line numbers are reported here
- CGS tests: Columbia Generating Station has a dedicated phone and fax line into the EOC and they are tested at least weekly. Only the voice phone line numbers are reported here.
- AHAB: All Hazards Alert Broadcast System is tested daily through the daily function tests, which tests the functional capability of all coastal and Puget Sound siren systems. The voice and tone sirens are tested monthly. The AHAB Siren activates the coastal and Puget Sound voice and tone sirens during tsunami and other hazardous incidents.
- OPSCAN: Olympic Peninsula Public Safety Alliance Network (OPSCAN) connects public safety organizations throughout the Olympic Peninsula.
- STAEN: The State Agency Emergency Network (STAEN) connects state agency via an 800 MHz radio system.
- CEMNET: Comprehensive Emergency Management Network radio connecting all counties and many cities via Zetron Radio Console.
- King County 800 MHz System connects the Alert and Warning Center with King County key emergency management and response organizations.